

ABSTRACT

5 The present application relates to an image processing method and apparatus, an
electronic device, and a storage medium. The method includes: obtaining an infrared
image and a color image for a same object in a predetermined scene, and a first depth
map corresponding to the color image; obtaining a first optical flow between the color
image and the infrared image; and performing first optimization processing on the first
10 depth map by using the first optical flow to obtain an optimized second depth map
corresponding to the color image. According to embodiments of the present
application, accurate alignment of the depth image and the color image can be
implemented.

[Figure 1]